PTO/SB/05 (11-00) through 10/31/2002. OMB 0651-0032 U.S. DEPARTMENT OF COMMERCE Approved

U.S. Patent and Trademark On. Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

## UTILITY PATENT APPLICATION **TRANSMITTAL**

SAIC0055-CC IP Attorney Docket No. Victor V. VERBINSKI, et al

First Inventor DENSITY DETECTION USING REAL TIME DISCRETE PHOTON COUNTING FOR FAST MOVING TARGETS

(Only for	new nonprovisional applications u	nder 37 C.F.R. 1.53(b))	Ε	xpress Mail L	abel No.			5		
Soo MPER	APPLICATION E		ADDRESS TO:  Assistant Commissioner for Patents Box Patent Application Washington, DC 20231							
1. 🛭 2. 🗌 3. 🖾	Fee Transmittal Form (e.g., P (Submit an original and a duplicate for f Applicant claims small entity see 37 CFR 1.27. Specification (preferred arrangement set forth be - Descriptive title of the Invention - Cross References to Related Apples Statement Regarding Fed sponse - Reference to sequence listing, a or a computer program listing apple Background of the Invention - Brief Summary of the Invention	TO/SB/17) pe processing) status.  [Total Pages 66 plow)  plications pred R & D pable, pendix	7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)  8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)  a. Computer Readable Form (CRF)  b. Specification Sequence Listing on: i. CD-ROM or CD-R (2 copies); or ii. paper  c. Statements verifying identity of above copies  ACCOMPANYING APPLICATIONS PARTS  9. Assignment Papers (cover sheet & document(s))							
	Brief Description of the Drawings Detailed Description Claim(s) Abstract of the Disclosure		1.	10.	(when the English T	R.§3.73(b) Statement Power of there is an assignee) Attorney  Translation Document (if applicable)				
4. Drawing(s) (35 U.S.C.113) [Total Sheets 18]  5. Oath or Declaration [Total Pages 6]  a. Newly executed (original or copy)  b. Copy from a prior application (37 CFR 1.63 (d))  (for a continuation/divisional with Box 18 completed)  i. DELETION OF INVENTOR(S)  Signed statement attached deleting inventor(s)  named in the prior application, see 37 CFR  1.63(d)(2) and 1.33(b).  6. Application Data Sheet. See 37 CFR 1.76					12. ☐ Information Disclosure ☐ Copies of IDS Statement (IDS)/PTO-1449 Citations  13. ☐ Preliminary Amendment  14. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)  15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)  16. ☒ Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.  17. ☐ Other:					
										or in an Ap Conf Prior ap For CONTII under Box
,		17. CORRES	SPON	NDENCE A	DDRESS	<u> </u>	<u> </u>			
☐ Customer Number or Bar Code Label (Insert Customer No. or Atta					or 🗵 Correspondence address below ach bar code label here)					
Name	George T. Marcou, Esq.									
Address	Kilpatrick Stockton LLP  607 14 <sup>th</sup> Street, NW, Suite 900									
City	Washington		DC		Zip Code	20005				
Country	USA	State Telephone		202 508 5800		Fax	202 508 5858			
				mey/Agent)	33,014	_				
Signature	File 1	Man Red	#	44.4	U2	99181 A				

Burden Hour Statement: This form is estimated to take 0.2 Injurs to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

ıŌ Ш I ij 

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

## FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

\*\*or number previously paid, if greater; For Reissues, see above

Complete if Known

Application Number Not Yet Assigned

Filing Date Herewith

First Named Inventor Victor V. VERBINSKI, et al

Examiner Name Not Yet Assigned

Group / Art Unit Not Yet Assigned

SAIC0055-CCIP **TOTAL AMOUNT OF PAYMENT** 870 (\$) Attorney Docket No. **METHOD OF PAYMENT (check one)** FEE CALCULATION (continued) The Commissioner is hereby authorized to charge 3. ADDITIONAL FEES 1. indicated fees and credit any over payments to: Small Large Entity Entity Fee Fee Description Deposit Code (\$) Code (\$) Paid 501458 Account 105 130 205 65 Surcharge - late filing fee or oath Number Surcharge - late provisional filing fee 127 50 227 25 or cover sheet. Deposit 139 139 130 130 Non-English specification Account Kilpatrick Stockton Name 147 2,520 147 2,520 For filing a request for reexamination □ Charge Any Additional Fee Required 112 920\* 112 920\* Requesting publication of SIR prior to Under 37 CFR 1.16 and 1.17 Examiner action Applicant claims small entity status. 113 1,8401 113 1.840\* Requesting publication of SIR after See 37 CFR 1.27 Examiner action Payment Enclosed: 115 110 215 55 Extension for reply within first month 116 390 216 195 Extension for reply within second □ Credit card □ Other ☑ Check ☐ Money month Order 217 445 117 890 Extension for reply within third month **FEE CALCULATION** 118 1,390 218 695 Extension for reply within fourth 1. BASIC FILING FEE Entity **Entity Small** Large 128 1,890 228 945 Extension for reply within fifth month Fee Fee Fee **Fee Description** Fee 119 310 219 155 Notice of Appeal Code (\$) Code (\$) Fee Paid 120 220 155 310 Filing a brief in support of an appeal 101 710 201 355 Utility filing fee 710 121 270 221 135 Request for oral hearing 106 320 206 160 Design filing fee Petition to institute a public use 138 1,510 138 1,510 107 490 207 245 Plant filing fee proceeding Reissue filing fee 108 710 208 355 140 110 240 55 Petition to revive - unavoidable 114 150 214 75 Provisional filling fee 141 241 1,240 620 Petition to revive - unintentional 142 1,240 242 620 Utility issue fee (or reissue) SUBTOTAL (1) (\$) 710 143 440 243 220 Design issue fee 600 244 300 2. EXTRA CLAIM FEES 144 Plant issue fee 122 130 Petitions to the Commissioner 130 122 Extra Fee from Fee Claims below Paid Petitions related to provisional 123 130 123 130 х Total Claims -20 0 i 11 0 18 applications Independent Submission of Information Disclosure 2 126 126 180 5 х 80 180 -3 160 Claims Recording each patent assignment Multiple 0 581 581 40 40 per property (times number of Dependent properties) **Entity** Small **Entity** Large 146 710 246 355 Filing a submission after final rejection Fee Fee Fee Fee (37 ČFR § 1.129(a)) **Fee Description** Code (\$) Code (\$) 149 249 For each additional invention to be 710 355 103 18 203 Claims in excess of 20 examined (37 CFR § 1.129(b)) 102 80 202 40 Independent claims in excess of 3 179 710 279 355 Request for Continued Examination (RCE) 270 135 Multiple dependent claim, if not paid 104 204 \*\* Reissue independent claims over 169 900 169 900 Request for expedited examination 109 80 209 40 original patent of a design application \*\* Reissue claims in excess of 20 and 110 18 210 over original patent Other fee (specify) SUBTOTAL (2) \*Reduced by Basic Filing Fee Paid SUBTOTAL (3) **(\$)** 0

SUBMITTED BY		Complete (if applicable)				
Name (Print/Type)	George T. Marcou	Registration No. Attorney/Agent)	33,014	Telephone	202 508 5800	
Signature	Down Mar	e Bey #44,442		Date 8/9/01	202 508 5858	

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

PTO/SB/35 (11-00)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

## REQUEST AND CERTIFICATION UNDER 35 U.S.C. 122(b)(2)(B)(i)

Atty Docket Number

SAIC0055-CC

is not currently

I hereby certify that the invention disclosed in the attached application has not and will net be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

8/9/01 Date Vaun Mar By #44,442

Signature `

George T. Marcou

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant must notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).

Burden Hour Statement: This collection of information is required by 37 CFR 1.213(a). The information is used by the public to request that an application not be published under 35 U.S.C. 122(b) (and the PTO to process that request). Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This form is estimated to take 6 minutes to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.